

AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes changes to Fig. 4. This sheet, which includes Fig. 4, replaces the original sheet including Fig. 4. In Fig. 4, the sequence of K11 phage, residues 690-761, (line 15 of Fig. 4) was slightly shifted in original Fig. 4. Accordingly, the correct sequence and alignment of this sequence are shown in the corrected Fig. 4.

Attachments: Replacement Sheet
Annotated Sheet Showing Changes



TITLE: RNA POLYMERASE REPLACEMENT SHEET
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APPLICATION SERIAL NO: 09/254,344
SHEET 1 of 1



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T7 588:NGTDNEVVVTDTDENTGEISEKVKLGTALAGCQWTLAYGTVRSVMTKRSVMTLAYSKEFGFRQQVLEDTIQ-PAIDSGK
 T3 589:...P..MI...KD...L...ST...Q
 K11 611:..SQTV.EQIA.KE...FH...T..ESV..A..Q...K
 SP6 581:..ALYMDADDA.TFTS.SVTLSGT-ELR.M.SA.DSI.I..L.KP...P...TRLTC..ES.IDYIVDLEEKEAQ

T7 667:FT-QPNQAGYMAKLIWESVSVVVAAVEAMNWLSAAKLLAEEVKDKKTGEILLR---KRC-AVHWVTPDGFPWQE
 T3 668:-----DA-----H-----T-----K-----
 K11 690:-----DA-----T-----K-----V-----T-----
 SP6 660:EGRTA.KVHPFEDRQDYLTPGAAYNYMT.LI.PSISEVVK.PI.AM.MIROLA.FAA..NEGLMYTL.T.ILE.K

T7	742:PIOTRLNNLMLGQFRLOPINTNKDSEIDAHKQESGLAPNMFVHSQDGSHLRKTVWAHEKYGIESFALIHDSFGTIP.
T3	743::L.K..DMI.....L...G.....M...Y.....M.....Y.....M.....H.N.V.....D.....S.....
K11	765:QN.A..K.V....ANVKM.Y..G.....M.....H.N.V.....D.....S.....
SP6	740:TEML.VRTCLM.DIKMSLOVE.--IV.EAAMMGAA.--.GH.A..IL.CELVD.--VT.I.V.....HA

TT7 822:ANLFFKAVRETMVDTYESCDVLADFYDQFADOLHESQLDKMPALPAKGNLNLRDILESDFAFAT
T3 823:GK.....I.....NN.....S.....T.....P..K.....Q.....K.....
K11 845:G.....K.....DN..I.....V.....D.....
SP6 816:LT.RV.LKGQ..AM.IDGNA.QKL--LE-EHEVR-WWV.TGIEV.EQ.EFD.NE.MD.EVV.
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